

*Su  
C  
B  
at*

(b) analysing the nucleic acid obtained in (a) to determine whether a mutation is/is not present at an exon 17/intron splice sites of *KIT* gene,  
wherein presence or absence of a mutation is correlated with coat color.

*Su  
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14. (Twice Amended) A method for determining coat colour genotype in a pig which comprises the step of analysing a sample of pig *KIT* protein to determine whether the protein is the splice variant protein, said protein being correlated with coat color.

*B2*

15. (Amended) A kit for use in determining the coat colour genotype of a pig which comprises one or more reagents suitable for determining whether a mutation is present at an exon 17/intron splice sites of the *KIT* gene, wherein presence or absence of a mutation is correlated with coat color.